



PHILIPS

Lighting



Extra low mercury

T8 Standard

Philips T8 lamps are energy-efficient lighting solutions.

Benefits

- Better for the environment - only 1.7mg of mercury per lamp with ALTO II Technology
- Reduce maintenance costs by extending the relamping cycle

Features

- 95% lumen maintenance and reduced lamp-end blackening
- Available in multiple wattages: 17W, 25W and 32W
- Available in multiple color temperatures: 3000K, 3500K, 4100K, and 5000K

Application

- Ideal for applications requiring maximum maintained light output.

Versions



G13, T8

G13, T8

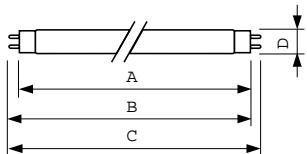
T8 Standard

Dimensional drawing



Product

F17T8/TL841/ALTO 30PK
F32T8/HL735/ALTO 30PK
F17T8/SUPER 84/ALTO 30PK
F32T8/SUPER 86/ALTO 30PK
F32T8/SUPER 84/ALTO 30PK
F32T8/TL841/ALTO 30PK
F32T8/HL741/ALTO 30PK
F17T8/SUPER 86/ALTO 30PK
F17T8/TL850 ALTO 30PK
F25T8/TL850 ALTO 30PK
F32T8/SOFT WHITE /ALTO 36/2
F32T8/TL830/ALTO 30PK
F25T8/TL841/ALTO 30PK
F32T8/TL850 ALTO 30PK
F32T8/HL750/ALTO 30PK
F17T8/TL835/ALTO 30PK
F32T8/TL835/ALTO 30PK
F25T8/TL835/ALTO 30PK



Product

F32T8/TL840/ALTO 25PK
F32T8/TL865/ALTO 25PK
F32T8/TL850/ALTO 25PK

Approval and Application

Energy Saving Product	Energy Saving

General Information

Cap-Base	G13

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)	Picogram Per Lumen Hour
927842074101	F17T8/SUPER 84/ALTO 30PK	1.7 mg	-
927842076501	F17T8/SUPER 86/ALTO 30PK	1.7 mg	-
927842574101	F32T8/SUPER 84/ALTO 30PK	1.7 mg	-
927842576501	F32T8/SUPER 86/ALTO 30PK	1.7 mg	-
927850083503	F17T8/TL835/ALTO 30PK	1.7 mg	54 pg/lm.h
927850084102	F17T8/TL841/ALTO 30PK	1.7 mg	54 pg/lm.h
927851083503	F25T8/TL835/ALTO 30PK	1.7 mg	35 pg/lm.h
927851084102	F25T8/TL841/ALTO 30PK	1.7 mg	35 pg/lm.h

Order Code	Full Product Name	Mercury (Hg) Content (Nom)	Picogram Per Lumen Hour
927851085002	F25T8/TL850 ALTO 30PK	1.7 mg	36 pg/lm.h
927869783005	F32T8/SOFT WHITE /ALTO 36/2	1.7 mg	25 pg/lm.h
927869783009	F32T8/TL830/ALTO 30PK	1.7 mg	25 pg/lm.h
927869783505	F32T8/TL835/ALTO 30PK	1.7 mg	25 pg/lm.h
927869783514	F32T8/HL735/ALTO 30PK	1.7 mg	25 pg/lm.h
927869784105	F32T8/TL841/ALTO 30PK	1.7 mg	25 pg/lm.h
927869784116	F32T8/HL741/ALTO 30PK	1.7 mg	25 pg/lm.h

T8 Standard

Order Code	Full Product Name	Mercury (Hg)	Picogram Per Lumen
		Content (Nom)	Hour
927869785013	F32T8/TL850 ALTO 30PK	1.7 mg	26 pg/lm.h
927869785019	F32T8/HL750/ALTO 30PK	1.7 mg	26 pg/lm.h
927850085003	F17T8/TL850 ALTO 30PK	1.7 mg	54 pg/lm.h

Order Code	Full Product Name	Mercury (Hg)	Picogram Per Lumen
		Content (Nom)	Hour
927925484001	F32T8/TL840/ALTO 25PK	2.0 mg	29.2 pg/lm.h
927925485001	F32T8/TL850/ALTO 25PK	2.0 mg	30.3 pg/lm.h
927925486501	F32T8/TL865/ALTO 25PK	2.0 mg	29.2 pg/lm.h

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
927842074101	F17T8/SUPER 84/ALTO 30PK	17 W
927842076501	F17T8/SUPER 86/ALTO 30PK	17 W
927842574101	F32T8/SUPER 84/ALTO 30PK	32 W
927842576501	F32T8/SUPER 86/ALTO 30PK	32 W
927850083503	F17T8/TL835/ALTO 30PK	17 W
927850084102	F17T8/TL841/ALTO 30PK	17 W
927851083503	F25T8/TL835/ALTO 30PK	25 W
927851084102	F25T8/TL841/ALTO 30PK	25 W
927851085002	F25T8/TL850 ALTO 30PK	25 W
927869783005	F32T8/SOFT WHITE /ALTO 36/2	32 W
927869783009	F32T8/TL830/ALTO 30PK	32 W

Order Code	Full Product Name	Power (Rated) (Nom)
927869783505	F32T8/TL835/ALTO 30PK	32 W
927869783514	F32T8/HL735/ALTO 30PK	32 W
927869784105	F32T8/TL841/ALTO 30PK	32 W
927869784116	F32T8/HL741/ALTO 30PK	32 W
927869785013	F32T8/TL850 ALTO 30PK	32 W
927869785019	F32T8/HL750/ALTO 30PK	32 W
927850085003	F17T8/TL850 ALTO 30PK	17 W
927925484001	F32T8/TL840/ALTO 25PK	32 W
927925485001	F32T8/TL850/ALTO 25PK	32 W
927925486501	F32T8/TL865/ALTO 25PK	32 W

General Information

Order Code	Full Product	Life 12-Hr	Life 12-Hr	Life 3-Hr	Life 3-Hr
		Instant	Programstart	Instant	Program
	Name	Start [Hrs]	[Hrs]	Start [Hrs]	Start [Hrs]
927842074101	F17T8/SUPER 84/ALTO 30PK	-	-	15000 h	-
927842076501	F17T8/SUPER 86/ALTO 30PK	-	-	15000 h	-
927842574101	F32T8/SUPER 84/ALTO 30PK	-	-	15000 h	-
927842576501	F32T8/SUPER 86/ALTO 30PK	-	-	15000 h	-
927850083503	F17T8/TL835/ALTO 30PK	30000 h	36000 h	24000 h	30000 h
927850084102	F17T8/TL841/ALTO 30PK	30000 h	36000 h	24000 h	30000 h
927851083503	F25T8/TL835/ALTO 30PK	30000 h	36000 h	24000 h	30000 h
927851084102	F25T8/TL841/ALTO 30PK	30000 h	36000 h	24000 h	30000 h
927851085002	F25T8/TL850 ALTO 30PK	30000 h	36000 h	24000 h	30000 h
927869783005	F32T8/SOFT WHITE /ALTO 36/2	30000 h	36000 h	24000 h	30000 h
927869783009	F32T8/TL830/ALTO 30PK	30000 h	36000 h	24000 h	30000 h

Order Code	Full Product	Life 12-Hr	Life 12-Hr	Life 3-Hr	Life 3-Hr
		Instant	Programstart	Instant	Program
	Name	Start [Hrs]	[Hrs]	Start [Hrs]	Start [Hrs]
927869783505	F32T8/TL835/ALTO 30PK	30000 h	36000 h	24000 h	30000 h
927869783514	F32T8/HL735/ALTO 30PK	30000 h	36000 h	24000 h	30000 h
927869784105	F32T8/TL841/ALTO 30PK	30000 h	36000 h	24000 h	30000 h
927869784116	F32T8/HL741/ALTO 30PK	30000 h	36000 h	24000 h	30000 h
927869785013	F32T8/TL850 ALTO 30PK	30000 h	36000 h	24000 h	30000 h
927869785019	F32T8/HL750/ALTO 30PK	30000 h	36000 h	24000 h	30000 h
927850085003	F17T8/TL850 ALTO 30PK	30000 h	36000 h	24000 h	30000 h
927925484001	F32T8/TL840/ALTO 25PK	15000 h	24000 h	-	-
927925485001	F32T8/TL850/ALTO 25PK	15000 h	24000 h	-	-
927925486501	F32T8/TL865/ALTO 25PK	15000 h	24000 h	-	-

Light Technical

T8 Standard

Order Code	Full Product Name	Color Code	Color Designation	Color Rendering Index		Design Mean Lumens	Luminous Flux (Nom)
				Correlated Color Temperature (Nom)	(Nom)		
927842074101	F17T8/SUPER 84/ALTO 30PK	-	Super 84	4100 K	82	1210 lm	1275 lm
927842076501	F17T8/SUPER 86/ALTO 30PK	-	Super 86	6500 K	82	1095 lm	1150 lm
927842574101	F32T8/SUPER 84/ALTO 30PK	-	Super 84	4100 K	62	1095 lm	1250 lm
927842576501	F32T8/SUPER 86/ALTO 30PK	-	Super 86	6500 K	82	2385 lm	2510 lm
927850083503	F17T8/TL835/ALTO 30PK	TL835	TL835	3500 K	85	1310 lm	1375 lm
927850084102	F17T8/TL841/ALTO 30PK	TL841	TL841	4100 K	85	1310 lm	1375 lm
927851083503	F25T8/TL835/ALTO 30PK	TL835	TL835	3500 K	85	2045 lm	2150 lm
927851084102	F25T8/TL841/ALTO 30PK	TL841	TL841	4100 K	85	2045 lm	2150 lm
927851085002	F25T8/TL850 ALTO 30PK	TL850	TL850	5000 K	82	1995 lm	2100 lm
927869783005	F32T8/SOFT WHITE /ALTO 36/2	TL830	TL830	3000 K	85	2710 lm	2850 lm
927869783009	F32T8/TL830/ALTO 30PK	TL830	TL830	3000 K	85	2710 lm	2850 lm
927869783505	F32T8/TL835/ALTO 30PK	TL835	TL835	3500 K	85	2710 lm	2850 lm
927869783514	F32T8/HL735/ALTO 30PK	TL835	TL835	3500 K	85	2710 lm	2850 lm
927869784105	F32T8/TL841/ALTO 30PK	TL841	TL841	4100 K	85	2710 lm	2850 lm
927869784116	F32T8/HL741/ALTO 30PK	TL841	TL841	4100 K	85	2710 lm	2850 lm
927869785013	F32T8/TL850 ALTO 30PK	TL850	TL850	5000 K	82	2710 lm	2850 lm
927869785019	F32T8/HL750/ALTO 30PK	TL850	TL850	5000 K	82	2710 lm	2850 lm
927850085003	F17T8/TL850 ALTO 30PK	TL850	TL850	5000 K	82	1235 lm	1300 lm
927925484001	F32T8/TL840/ALTO 25PK	TL840	TL840	4000 K	80	2705 lm	2850 lm
927925485001	F32T8/TL850/ALTO 25PK	TL850	TL850	5000 K	80	2705 lm	2850 lm
927925486501	F32T8/TL865/ALTO 25PK	TL865	TL865	6500 K	80	2610 lm	2750 lm

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
927842074101	F17T8/SUPER 84/ALTO 30PK	T-8 (T8)
927842076501	F17T8/SUPER 86/ALTO 30PK	T-8 (T8)
927842574101	F32T8/SUPER 84/ALTO 30PK	T-8 (T8)
927842576501	F32T8/SUPER 86/ALTO 30PK	T-8 (T8)
927850083503	F17T8/TL835/ALTO 30PK	T-8 (T8)
927850084102	F17T8/TL841/ALTO 30PK	T-8 (T8)
927851083503	F25T8/TL835/ALTO 30PK	T-8 (T8)
927851084102	F25T8/TL841/ALTO 30PK	T-8 (T8)
927851085002	F25T8/TL850 ALTO 30PK	T-8 (T8)
927869783005	F32T8/SOFT WHITE /ALTO 36/2	T-8 (T8)
927869783009	F32T8/TL830/ALTO 30PK	T-8 (T8)

Order Code	Full Product Name	Bulb Shape
927869783505	F32T8/TL835/ALTO 30PK	T-8 (T8)
927869783514	F32T8/HL735/ALTO 30PK	T-8 (T8)
927869784105	F32T8/TL841/ALTO 30PK	T-8 (T8)
927869784116	F32T8/HL741/ALTO 30PK	T-8 (T8)
927869785013	F32T8/TL850 ALTO 30PK	T-8 (T8)
927869785019	F32T8/HL750/ALTO 30PK	T-8 (T8)
927850085003	F17T8/TL850 ALTO 30PK	T-8 (T8)
927925484001	F32T8/TL840/ALTO 25PK	T8
927925485001	F32T8/TL850/ALTO 25PK	T8
927925486501	F32T8/TL865/ALTO 25PK	T8

